

P450							
MAb/P450	2C8	2C9*1	2C9*2	2C9*3	2C18	2C19	*others
MAb 292-2-3	-	-	-	-	-	-	-
MAb 592-2-5	-	++	+++	++	+++	-	-
MAb 5-7-5	+	++	+++	++	+	++	-
MAb 5-1-5	++	-	-	-	-	-	-
MAb 281-1-1	++	-	-	-	-	-	-
MAb 763-15-20	++	++	+++	++	-	-	-

*other P450's include 1A1, 1A2, 2A6, 2B6, 2D6, 2E1, 3A4, 3A5

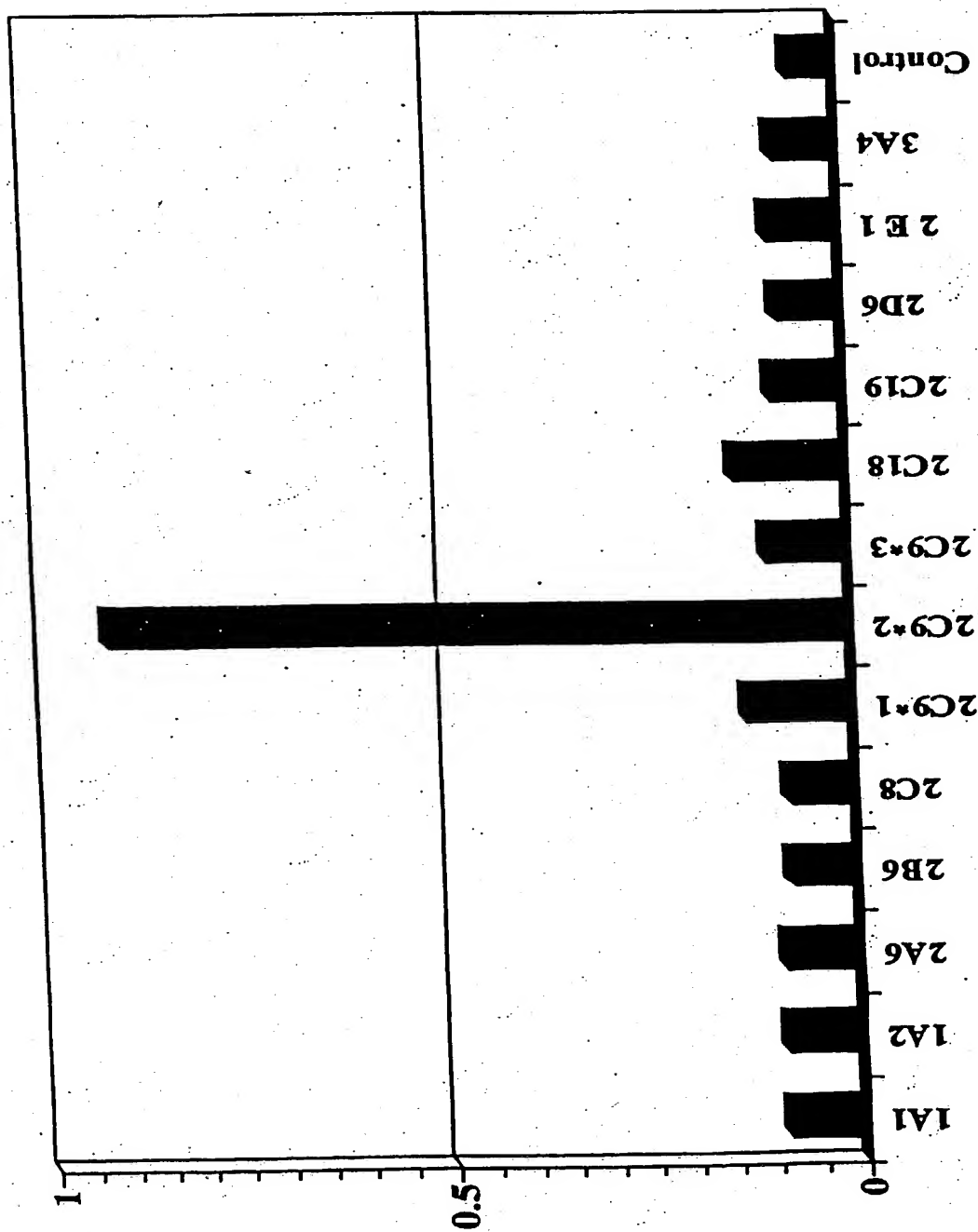
(-) signifies no activity

Mab/P450	P450					
	2C8	2C9*2	2C9*1	2C18	2C19	*other P450s
MAB 292-2-3	0	92.5	11.0	0	0	0
MAB 592-2-5	0	90.8	80.6	82.0	0	0
MAB 5-7-5	0	96.0	91.3	93	95	0
MAB 5-1-5	96.0	0	0	0	0	0
MAB 281-1-1	91.0	0	0	0	0	0
MAB 763-15-5	0	90	88.2	30	0	0

P450				
MAb	2C8	2C9 _{Cys144} (%)	2C18	2C19
MAb 292-2-3	0	91	0	0
MAb 592-2-5	0	88	66	0
MAb 5-7-5	0	93	93	93
MAb 5-1-5	91.6	0	0	0
MAb 281-1-1	91.8	0	0	0

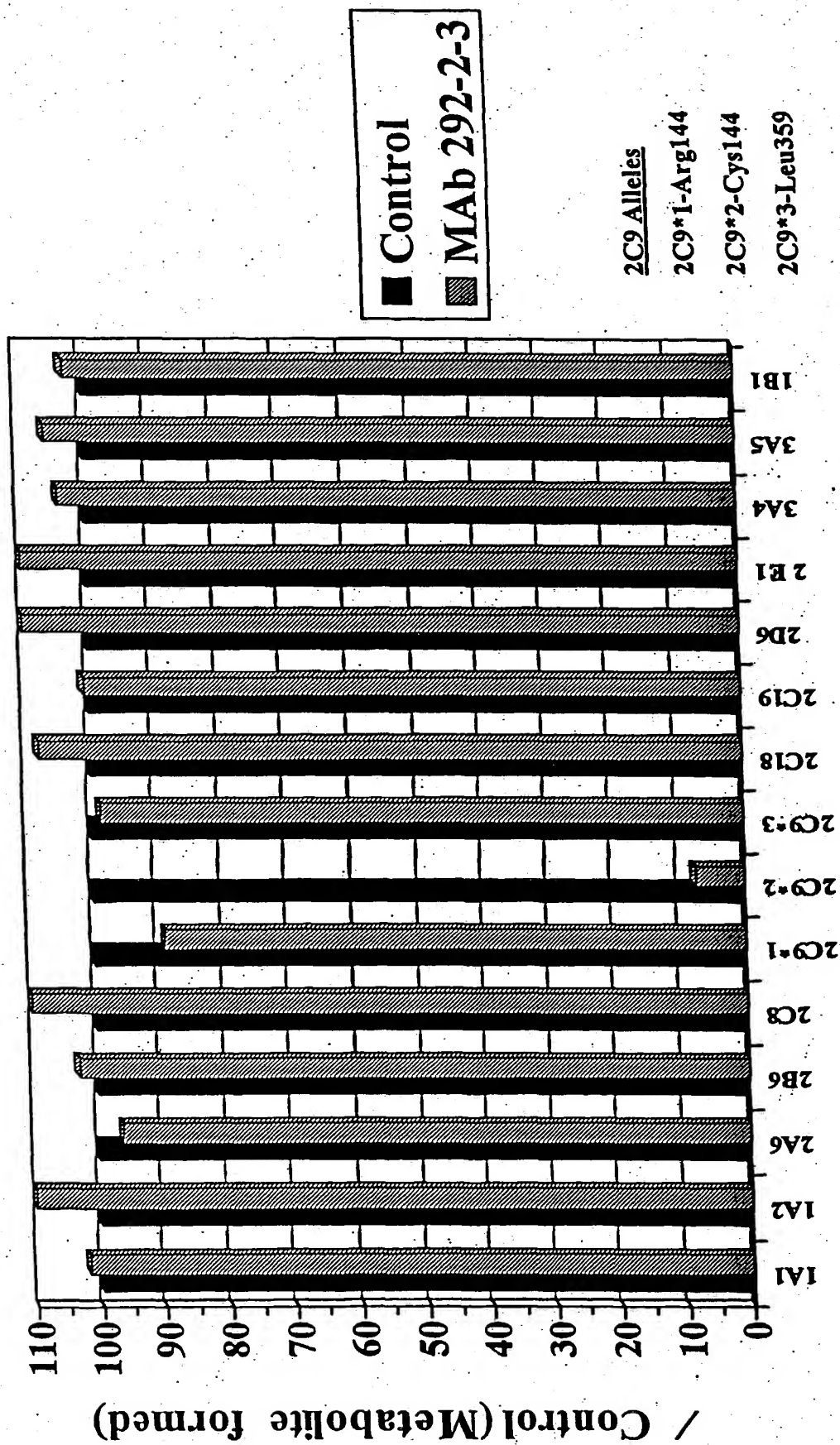
MAb	Immuno Binding	h2C8	h2C9*1	h2C9*2	h2C9*3	h2C18	h2C19	Inhibits
MAb 292-2-3	ELISA	-	-	+++	-	-	-	2C9*2
	IB	-	-	-	-	-	-	
MAb 592-2-5	ELISA	-	++	+++	++	+	-	2C9/18
	IB	-	++	+++	++	+++	-	
MAb 5-7-5	ELISA	-	++	+++	++	+++	+++	2C9/18/19
	IB	+	++	+++	++	+	++	
MAb 5-1-5	ELISA	++	-	-	-	-	-	2C8
	IB	++	-	-	-	-	-	
MAb 281-1-1	ELISA	++	-	-	-	-	-	2C8
	IB	++	-	-	-	-	-	

ELISA
Binding (O.D. values)



Human Cytochrome P450

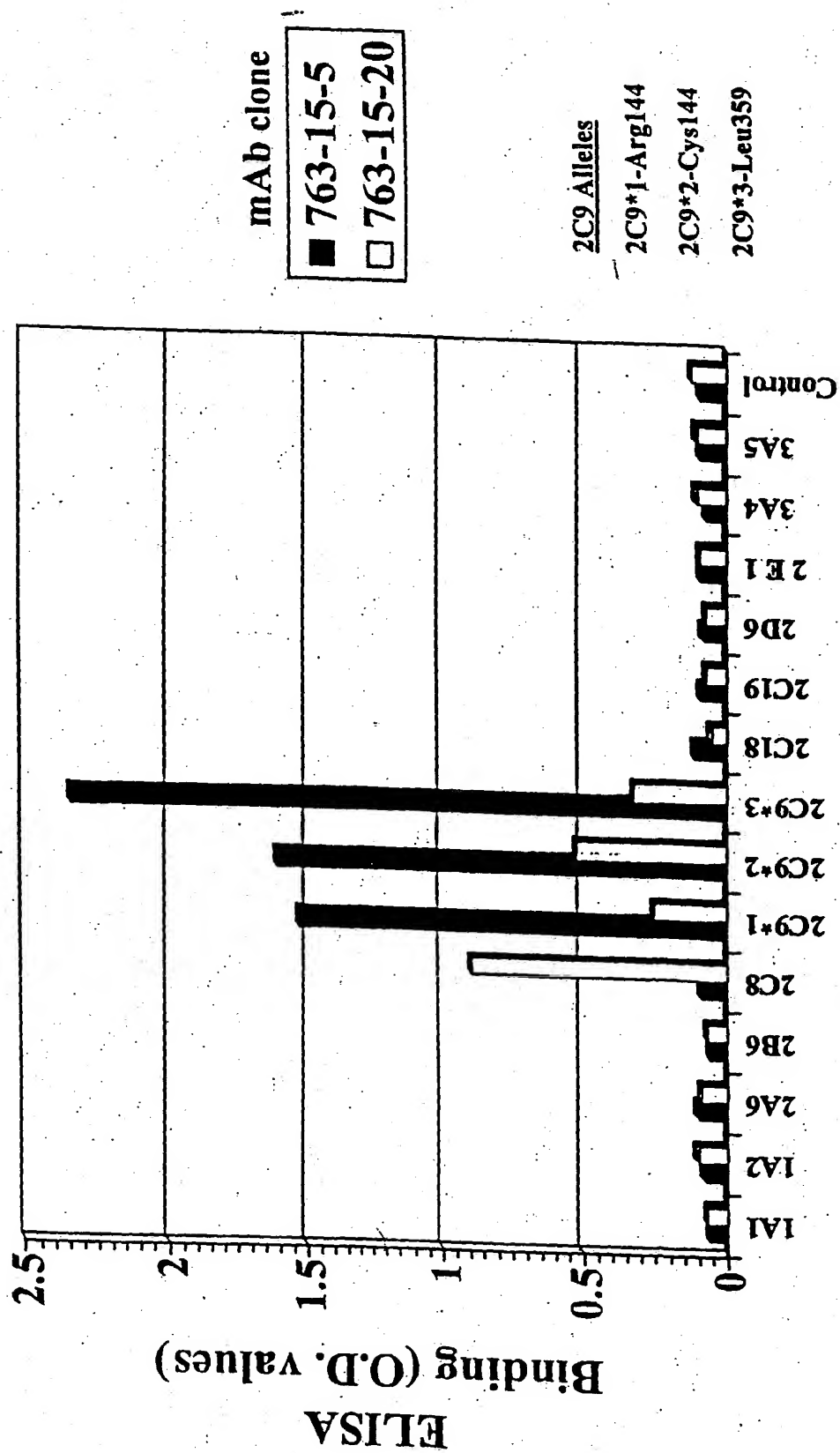
2C9 Alleles
2C9*1-Arg144
2C9*2-Cys144
2C9*3-Leu359



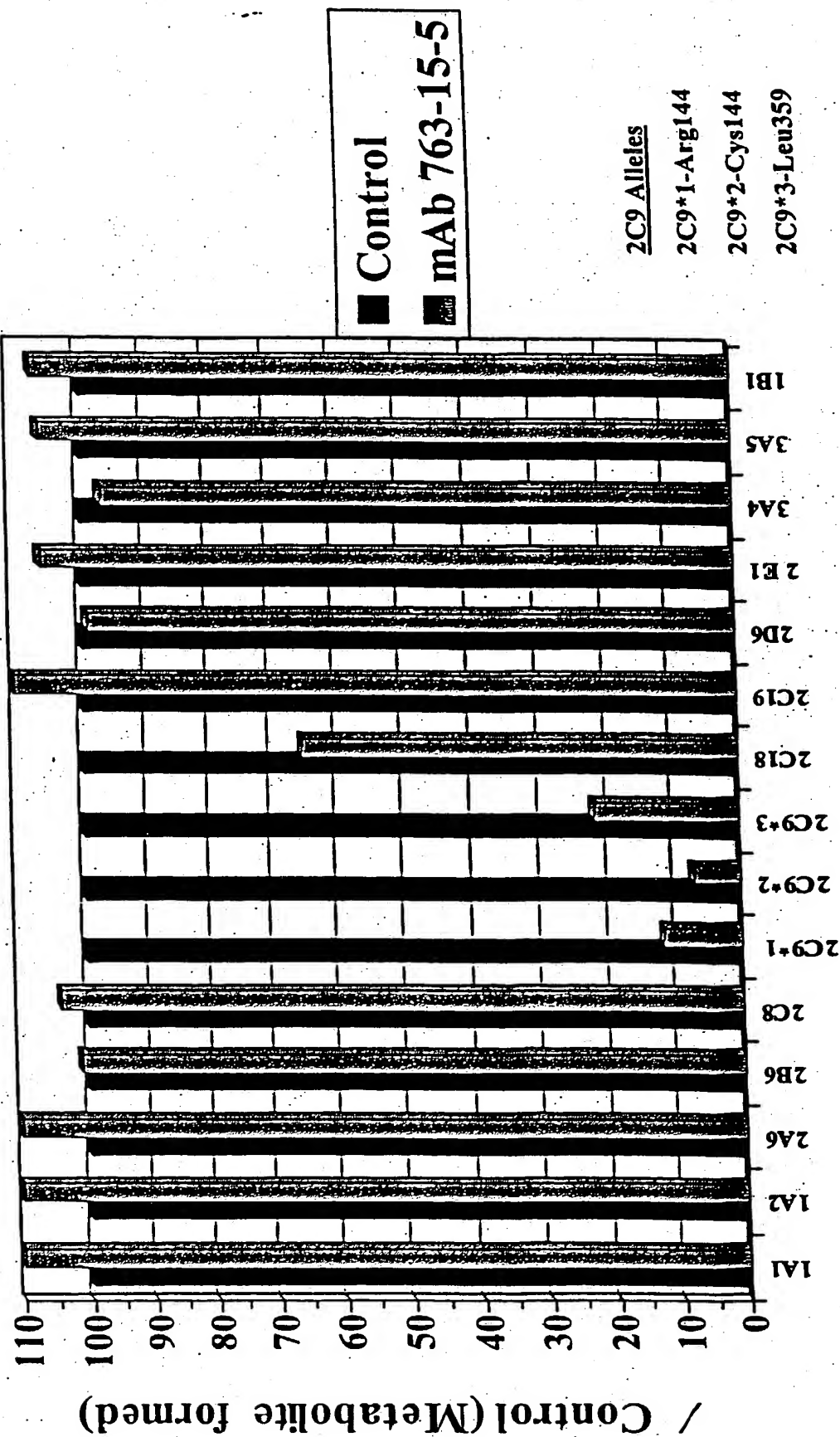
2C9 ALLELE[^]

<u>Substrate</u>	*1 - WT Arg144			*2 - Arg144Cys			*3 - Ile359Leu		
	Control	+ MAb	% Inh	Control	+ MAb	% Inh	Control	+ MAb	% Inh
Tolbutamide	1.0	0.98	1.3	0.85	0.03	96.4	0.22	0.02	9.3
Diclofenac	0.3	0.3	0.1	0.42	0.02	95.1	0.35	0.30	14.4

[^]P450 activity is(nmolproduct/min/nmolP450)



Human Cytochrome P450



No Blot

MAb 763-15-5

2C8
2C9*2
2C18
2C19
control
2C9*1
2C9*2
2C9*3

2C9 Alleles
2C9*1-Arg144
2C9*2-Cys144
2C9*3-Leu359

MAb 763-15-20

% Inhibition of enzyme

Mab clone	2C9 Arg144	2C9 Cys144	2C9 Arg144 Leu359
763-15-5	77.4%	93.2%	77.3%
763-15-20	5.5%	11.2%	0.2%